Form No. 6500
(Rev. 03/04)

BRYAN STEAM

Steam Exhaust Heads

Size ranges from 1"-24"

Bryan exhaust heads offer long term, maintenance-free service.

The Exhaust Head

Over 100 years ago, John J. Hoppes created his first exhaust head. Today, Bryan builds units based on this original design concept which has proven very efficient in thousands of installations through the years.

The Best Materials

Bryan exhaust heads are constructed of the finest materials. The fabricated carbon steel results in an exhaust head that lasts longer and works harder for you.

Three Levels of Protection

The Bryan exhaust head gives three levels of protection against oil and water pollution: first, an expansion chamber; second, an impingement cone; and third, a catch trough and drain. What one misses, another gets, resulting in oil-free, water-free exhaust steam.

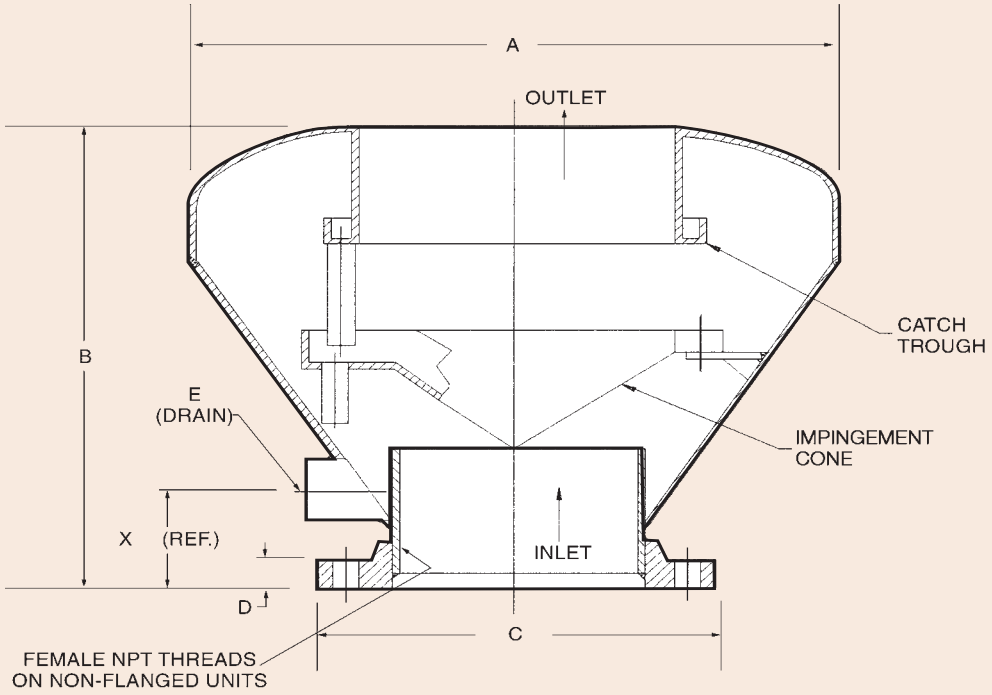
The Right Size

You have a wide range of sizes to choose from. In fact, our sizes range from 1" to 24". We have many sizes in stock and will quote on larger sizes upon request.

How Our Exhaust Head Works

Steam enters the exhaust head and gradually expands into a chamber several times the area of the pipe. The particles of oil and water in the center of the current are separated by impinging on the cone, while those on the outer edges strike against and adhere to the side of the separating chamber. The flow of the entrainment is checked by the trough partly filled with water surrounding the outlet, and the separated water is carried off through the drain pipes.

Bryan Exhaust Heads



MODEL NO.*	PIPE SIZE		EXHAUST HEAD DIMENSIONS										NET WEIGHT	
	A		B		C		D		E		X			
	inches	cm	inches	cm	inches	cm	inches	cm	inches	cm	inches	cm	LBS	KG
HEH-1	1	2.54	12-3/4	32.39					3/4	1.91	2-1/2	6.35	40	18
HEH-1.5	1-1/2	3.81	12-3/4	32.39					3/4	1.91	2-1/2	6.35	40	18
HEH-2	2	5.08	12-3/4	32.39					3/4	1.91	2-1/2	6.35	40	18
HEH-2.5	2-1/2	6.35	12-3/4	32.39					3/4	1.91	2-1/2	6.35	40	18
HEH-3	3	7.62	12-3/4	32.39					3/4	1.91	2-1/2	6.35	40	18
HEH-3F	3	7.62	12-3/4	32.39	7-1/2	19.05	1	2.54	3/4	1.91	2-1/2	6.35	40	18
HEH-4F	4	10.16	16	40.64	9	22.86	1	2.54	1	2.54	4	10.16	70	32
HEH-5F	5	12.70	16	40.64	10	25.40	1	2.54	1	2.54	4	10.16	100	45
HEH-6F	6	15.24	20	50.80	11	27.94	1	2.54	1	2.54	4-5/8	11.75	125	57
HEH-8F	8	20.32	20	50.80	13-1/2	34.29	1-1/8	2.86	1-1/2	3.81	4-1/2	11.43	180	82
HEH-10F	10	25.40	24	60.96	16	40.64	1-1/8	2.86	2	5.08	7	17.78	200	91
HEH-12F	12	30.48	24	60.96	19	48.26	1-1/4	3.18	2	5.08	7	17.78	210	95
HEH-14F	14	35.56	30	76.20	21	53.34	1-3/8	3.49	2	5.08	7	17.78	320	145
HEH-16F	16	40.64	30	76.20	23-1/2	59.69	1-7/16	3.65	3	7.62	7	17.78	550	249
HEH-18F	18	45.72	42	106.68	25	63.50	1-1/2	3.81	3	7.62	8	20.32	790	358
HEH-20F	20	50.80	42	106.68	27-1/2	69.85	1-5/8	4.13	3	7.62	8	20.32	875	397
HEH-24F	24	60.96	60	152.40	32	81.28	1-7/8	4.76	4	10.16	9	22.86	1275	578

**Note: "F" in model number designates 150 psi flanged model. Specifications subject to change without notice.*

BRYAN STEAM™

Bryan Steam LLC — Since 1916

783 N. Chili Ave., Peru, Indiana 46970 U.S.A.

Phone:765-473-6651 • Internet:www.bryanboilers.com

Fax: 765-473-3074 • E-mail: bryanboilers@iquest.net

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